In the United States Patent and Trademark Office

Serial Number:
Appn. Filed: October 27, 2003
Applicant(s):Rajeev Sharma, Rahul Khare, Mohammed Yeasin, & Satish Mummareddy
Appn. Title: BINARY AGE CLASSIFICATION OF HUMANS FROM DIGITAL IMAGES
Examiner/GAU:

Mailed: October 27, 2003
At: State College, PA
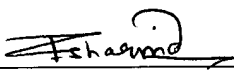

Information Disclosure Statement
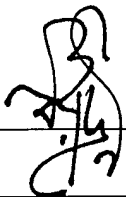
Commissioner for Patents
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Very respectfully,
Applicant(s): _____

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Enc.: PTO-1449 & References
c/o: Rajeev Sharma, Applicant Pro Se
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     403 S. Allen St, Ste 104
     State College, PA 16801

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Substitute for form 1449/PTO	**Complete if Known**	
	Application Number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*	Filing Date	10/27/2003
	First Named Inventor	
	Art Unit	
	Examiner Name	
Sheet 1 of 2	Attorney Docket Number	AI-0012-AGE

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5781650	Jul. 14,1998	De Lobo et al.	382/118
		US- 5963670	Oct. 05,1999	Lipson et al.	382/224
		US- 2002/0102024A1	Aug. 01,2002	Viola	382/225
		US- 2002/0052881A1	May, 2002	Player	707/104
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]

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Substitute for form 1449/PTO	Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*	Application Numb r	
	Filing Date	10/27/2003
	First Named Inventor	Rajeev Sharma
	Art Unit	
	Examiner Name	
Sheet 2 of 2	Attorney Docket Number	AI-0012-AGE

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		YOUNG H. KWON & NIELS DA VITORIA LOBO, "Age Classification from Facial Images", Computer Vision and Image Understanding Vol. 74, No. 1, April, pp. 1-21, 1999	
		GREGORY SHAKNAROVICH, PAUL VIOLA, & BABACK VIOLA, "A Unified Learning Framework for Real Time Face Detection & Classification", International Conference on Automatic Face and Gesture Recognition, May 2002	
		ANDREAS LANITIS, CHRIS J. TAYLOR, & TIMOTHY F. COOTES, "Towards Automatic Simulation of Aging Effects on Face Images", IEEE Transaction on Pattern Analysis and Machine Intelligence, Vol. 24, No. 4, April 2002.	
		IN D. MICHEAL BURT, & DAVID I. PERRETT, "Perception of Age in Adult Caucasian Male Faces: Computer Graphic Manipulation of Shape and Colour Information", Proceedings of the Royal Society of London, Vol. 259, pp 137-143, 1995	
		HENRY A. ROWLEY, SHUMEET BALUJA, & TAKEO KANADE, "Neural Network-Based Face Detection", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 20, No. 1, pp 23-38, January 1998	
		C. BURGES, "A Tutorial on Support Vector Machines for Pattern Recognition, Data Mining and Knowledge Discovery", Vol. 2, pp 121-167, 1998	
		SHREE K. NAYAR, HIROSHI MURASE, SAMEER A. NENE, 'Parametric Appearance Representation", Chapter 6 in Early Visual Learning, Edited by Nayar and Poggio. Oxford University Press, 1996	
		D.D. LEE AND H.S. SEUNG, "Learning the Parts of Objects by Non-Negative Matrix Factorization," Nature, Vol. 401, pp 788-791, 1999	

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